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	Filing Date	February 20, 2002	
	First Named Inventor	Stephen M. COUTTS	
	Group Art Unit	To Be Assigned	
	Examiner Name	To Be Assigned	
Total Number Of Pages In This Submission	20 pages & 36 refs	Attorney Docket No.	252312006002

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declarations <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement - 3 pages <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <ul style="list-style-type: none">PTO Form 1449 - 8 pages50 References with copy of 1449 (8 pages) affixedReturn Receipt Postcard
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SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual Name	Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, California 94304-1018
Signature	
Date	May 20, 2002

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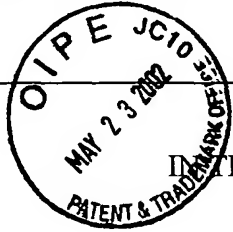
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Kathy Farrell
Kathy Farrell

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Stephen M. COUTTS et al.

Serial No.: 10/081,076

Filing Date: February 20, 2002

For: A COMPOSITION FOR INDUCING
HUMORAL ANERGY TO AN
IMMUNOGEN COMPRISING A T
CELL EPITOPE-DEFICIENT ANALOG
OF THE IMMUNOGEN CONJUGATED
TO A NONIMMUNOGENIC VALENCY
PLATFORM MOLECULE

Examiner: To Be Assigned

Group Art Unit: To Be Assigned

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 AND § 1.98**

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents numbered 20, 24 and 105-138 are also submitted herewith. The documents numbered 3, 10, 16, 19, 22 and 89-104 were previously submitted in an Information Disclosure Statement directed to the related application Serial Number 09/563,167, filed May 2, 2000, and the documents numbered 1, 2, 4-9, 11-15, 17, 18, 21, 23 and 25-88 were previously submitted in

an Information Disclosure Statement and/or Office Action, directed to the related application Serial Number 08/118,055, filed September 8, 1993 (issued as U.S. Pat. No. 6,060,056 on May 9, 2000), and, accordingly, copies are not included herewith. This protocol conforms with 37 C.F.R. § 1.98(d) and M.P.E.P. 609(A)(2). The Examiner is requested to make these documents of record in the application.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicants petition for any required relief including extensions of time and authorize the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing 252312006002. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: May 20, 2002

Respectfully submitted,

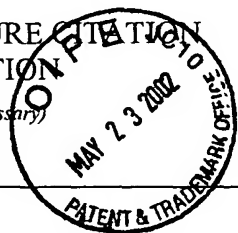
By: Catherine M. Polizzi
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Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)



Docket Number 252312006002

Application Number: 10/081,076

Applicant

Stephen M. COUTTS et al.

Filing Date February 20, 2002

Group Art Unit To Be Assigned

Mailing Date May 20, 2002

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	03/04/1980	4,191,668	Katz			
	2.	09/02/1980	4,220,565	Katz			
	3.	06/14/1983	4,388,441	Katz			
	4.	02/07/1984	4,430,260	Lee et al.			
	5.	03/17/1987	4,650,625	Pentlow			
	6.	03/17/1987	4,650,675	Borel et al.			
	7.	02/02/1988	4,722,899	Hamaoka			
	8.	02/07/1989	4,803,070	Cantrell et al.			
	9.	09/05/1989	4,863,740	Kissel et al.			
	10.	08/21/1990	4,950,469	Katz			
	11.	08/21/1990	4,950,713	Katz			
	12.	05/21/1991	5,017,648	Katz			
	13.	04/07/1992	5,102,663	Livingston et al.			
	14.	06/30/1992	5,126,131	Dintzis et al.			
	15.	12/07/1993	5,268,454	Barstad et al.			
	16.	01/04/1994	5,276,013	Conrad et al.			
	17.	06/25/1996	5,529,922	Chapman et al.			
	18.	04/07/1998	5,736,146	Cohen et al.			
	19.	02/08/2000	6,022,544	Dintzis et al.			
	20.	05/09/2000	6,060,056	Coutts et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	21.	09/05/1991	WO 91/12816	WIPO			
	22.	07/09/1992	WO 92/11029 A1	WIPO			

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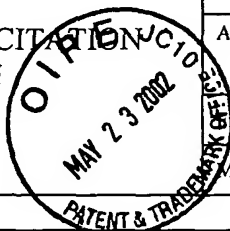
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23.	07/09/1992	WO 92/11030 A1	WIPO				
24.	08/20/1992	WO 92/13558 A1	WIPO				

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	25.	Aleman et al. (1987). "Phospho-dephospho-control by Insulin is Mimicked by a Phospho-oligosaccharide in Adipocytes," <i>Nature</i> 330:77-79.
	26.	Alvarez et al. (1991). "Transport in Isolated Rat Hepatocytes of the Phospho-oligosaccharide that Mimics Insulin Action," <i>Biochem J.</i> 274:369-374.
	27.	Bach, J.F and J.P. Viard. (1990). "Hypothesis: Systemic Lupus Erythematosus as a Disease Secondary to Polyclonal Lymphocyte Activation," <i>Clin. Exp. Rheumatol.</i> 8 (Suppl. 5):57-64.
	28.	Bennett et al. (1992). "Idiotypic Mimicry of a Cell Surface DNA Receptor: Evidence for Anti-DNA Antibodies Being a Subset of Anti-DNA Receptor Antibodies," <i>Clin. Exp. Immunol.</i> 90:428-433.
	29.	Bock et al. (1992). "Selection of Single-Stranded DNA Molecules that Bind and Inhibit Human Thrombin," <i>Nature</i> 355:564-566.
	30.	Burke, J.M. and A. Berzal-Hernanz. (1993). "In Vitro Selection and Evolution of RNA: Applications for Catalytic RNA, Molecular Recognition, and Drug Discovery," <i>FASEB J.</i> 7:106-112.
	31.	Coulson, E.J. and H. Stevens. (1961). "Some Observations on the Immunochemistry of Dextran" <i>J. Immunol.</i> 86: 241-252.
	32.	Devlin et al. (1990). "Random Peptide Libraries: A Source of Specific Protein Binding Molecules," <i>Science</i> 249:404-406.
	33.	Diamond, B. and M.D. Scharff. (1984). "Somatic Mutation of the T15 Heavy Chain Gives Rise to an Antibody with Autoantibody Specificity," <i>Proc. Natl. Acad. Sci. USA</i> 81:5841-5844.
	34.	Diamond et al. (1992). "The Role of Somatic Mutation in the Pathogenic Anti-DNA Response," <i>Ann. Rev. Immunol.</i> 10:731-757.
	35.	Dintzis et al. (1976). "Molecular Determinants of Immunogenicity: the Immunon Model of Immune Response," <i>Proc. Natl. Acad. Sci. USA</i> 73(10):3671-3675.
	36.	Dintzis et al. (1989). "The Immunogenicity of Soluble Haptenated Polymers is Determined by Molecular Mass and Hapten Valence," <i>J. Immunol.</i> 143(4):1239-1244.
	37.	Etlinger, H. and M. Chiller. (1977). "Induction of Tolerance in Athymic Mice with an Antigen Which is Highly Immunogenic in Euthymic Mice," <i>Cell. Immunol.</i> 33:297-308.
	38.	Finkelman, F.D. (1995). "Cross-linking of Membrane Immunoglobulin D, in the Absence of T Cell Help, Kills Mature B Cells <i>In Vivo</i> ," <i>J. Exp. Med.</i> 181:515-525.
	39.	Fulcher et al. (1994). "Whither the Anergic B-Cell?" <i>Autoimmunity</i> 19:135-140.
	40.	Goodnow, C.C. (1989). "Induction of Self-Tolerance in Mature Peripheral B Lymphocytes," <i>Nature</i> 342:385-391.
	41.	Green, D.R. (1983). "Immunoregulatory T-cell Pathways," <i>Ann. Rev. Immunol.</i> 1:439-463.

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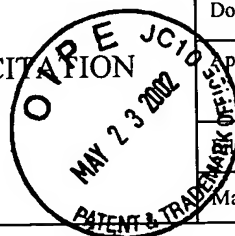
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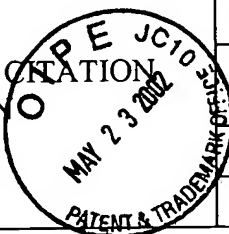


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| 42. | Hartley et al. (1993). "Elimination of Self-Reactive B Lymphocyte Proceeds in Two Stages: Arrested Development and Cell Death," <i>Cell</i> 72:325-335. |
| 43. | Hefeneider et al. (1993). "Immunization of BALB/c Mice with a Monoclonal Anti-DNA Antibody Induces an Anti-idiotypic Antibody Reactive with a Cell-surface DNA Binding Protein," <i>Autoimmunity</i> 15:187-194. |
| 44. | Holford-Strevens et al. (1982). "Suppression of IgE Antibody Production in Sensitized Mice and Rats by Tolerogenic Conjugates of Synthetic Hydrophilic Polymers with Antigen or Hapten: Effects on Antigen-induced Histamine Release from Peritoneal Mast Cells," <i>Int. Archs. Allergy Appl. Immunol.</i> 67:109-116. |
| 45. | Hudson et al. (1986). "Cloning and Expression of a Viral Phosphoprotein: Structure Suggests Vesicular Stomatitis Virus NS May Function by Mimicking an RNA Template," <i>J. Gen. Virol.</i> 67:1571-1579. |
| 46. | Janeway, C.A., Jr. and P. Travers. eds. (1994). <u>Immunobiology: The Immune System in Health and Disease</u> . Garland, London (Table of Contents). |
| 47. | Isenberg, D.A. and Y. Shoenfeld. (1988). "An Analysis of Autoimmunity Through Studies of DNA Antibody Idiotypes," <i>Autoimmunity</i> 1:67-75. |
| 48. | Isenberg et al. (1994). "The Origin, Sequence, Structure, and Consequences of Developing Anti-DNA Antibodies, A Human Perspective," <i>Arthritis Rheum.</i> 37:169-180. |
| 49. | Jacob, L. and J.P. Viard. (1992). "Anti-DNA Antibodies and Their Relationships with Anti-histone and Anti-nucleosome Specificities," <i>Eur. J. Med.</i> 1:425-431. |
| 50. | Kato et al. (1990). "Protection of Mice Against the Lethal Toxicity of a Lipopolysaccharide (LPS) by Immunization with Anti-Idiotypic Antibody to a Monoclonal Antibody to Lipid A from <i>Eikenella corrodens</i> LPS," <i>Infection and Immunity</i> 58(2):416-420. |
| 51. | Kaur et al. (1997). "Topological Analysis of the functional mimicry between a peptide and a carbohydrate moiety," <i>J. Biol. Chem.</i> 272(9):5539-5543. |
| 52. | Kieber-Emmons et al. (1997). "Peptide Mimicry of Adenocarcinoma-Associated Carbohydrate Antigens," <i>Hybridoma</i> 16(1):3-10. |
| 53. | Lal et al. (1991). "A Synthetic Peptide Elicits Antibodies Reactive with the External Glycoprotein of Human T Cell Lymphotropic Virus Type 1," <i>J. Gen. Virol.</i> 72:2321-2324. |
| 54. | Liu et al. (1979). "Immunologic Tolerance to Allergenic Protein Determinants: Properties of Tolerance Induced in Mice Treated with Conjugates of Protein and a Synthetic Copolymer of D-glutamic Acid and D-lysine (D-GL)," <i>J. Immunol.</i> 123:2456-2464. |
| 55. | Livneh, A. (1993). "Anti-DNA Antibodies Secreted by Peripheral B Cells of Lupus Patients Have Both Normal and Lupus-specific Features," <i>Clin. Immunol. Immunopathol.</i> 68:68-73. |
| 56. | Macaya et al. (1993). "Thrombin-binding DNA Aptamer Forms a Unimolecular Quadruplex Structure in Solution," <i>Proc. Natl. Acad. Sci. USA</i> 90:3745-3749. |
| 57. | Mandrell, R.E. and M.A. Apicella. (1993). "Lipo-oligosaccharides (LOS) of Mucosal Pathogens: Molecular Mimicry and Host-Modification of LOS," <i>Immunobiol.</i> 187:382-402. |
| 58. | Morimoto et al. (1987). "A Defect of Immunoregulatory T Cell Subsets in Systemic Lupus Erythematosus Patients Demonstrated with Anti-2H4 Antibody," <i>J. Clin. Invest.</i> 79:762-768. |

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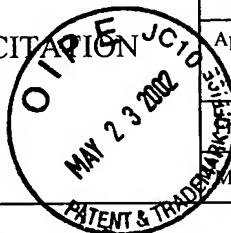
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59.	Mozes, E. and S. Mendlovic. (1990). "The Role of Anti-DNA idiotype Antibodies in Systemic Lupus Erythematosus," <i>Critical Reviews in Immunology</i> 10(4):329-345.		
60.	Norman, P.S. (1984). "Immunologic Responses to Conjugates of Antigen E in Patients with Ragweed Hay Fever," <i>J. Allergy Clin. Immunol.</i> 73(6):782-789.		
61.	Norvell et al. (1995). "Engagement of the Antigen-receptor on Immature Murine B Lymphocytes Results in Death by Apoptosis," <i>J. Immunol.</i> 154: 4404-4413.		
62.	Novak, Z. (1992) "Evidence for Immunodominance Between Closely Related Epitopes in the Selection of T Cell Repertoire Hierarchy of T Cell Epitopes in a Repeating Sequence," <i>Molec. Immunol.</i> 29(12):1467-1476.		
63.	Olsson, L. "Molecular Mimicry of Carbohydrate and Protein Structures by Hybridoma Antibodies," <i>Bio Essays</i> 7(3): 116-119.		
64.	Pisetsky, D.S. (1993). "Autoantibodies and Their Significance," <i>Curr. Opin. Rheumatol.</i> 5:549-556.		
65.	Puccetti et al. (1990). "Human and Murine Anti-DNA Antibodies Induce the Production of Anti-idiotypic Antibodies With Autoantigen-binding Properties (epibodies) Through Immune-network Interactions," <i>J. Immunol.</i> 145:4229-4237.		
66.	Radic, M.Z. and M. Weigert. (1994). "Genetic and Structural Evidence for Antigen Selection of Anti-DNA Antibodies," <i>Ann. Rev. Immunol.</i> 12:487-520.		
67.	Rahman, M.A. and D.A. Isenberg. (1994). "Autoantibodies in Systemic Lupus Erythematosus," <i>Curr. Opin. Rheumatol.</i> 6:468-473.		
68.	Reeves et al. (1994). "Systemic Lupus Erythematosus. Antibodies to DNA, DNA-binding Proteins, and Histones," <i>Rheum. Dis. Clin. North Am.</i> 20:1-28.		
69.	Renschler, M.F. (1994). "Synthetic Peptide Ligands of the Antigen Binding Receptor Induce Programmed Cell Death in a Human B-cell Lymphoma," <i>PNAS</i> 91:3623-3627		
70.	Rochu et al. (1990). "ABO-blood-group-related Idiotype Network: Mimicry of Oligosaccharide Epitope by Rabbit Antiidiotypic Anti-bodies to Murine Monoclonal Anti-A Antibody," <i>Res. Immunol.</i> 141:373-387.		
71.	Rombach et al. (1993). "Induction of an Anti-Fab, Anti-DNA and Anti-RNA Polymerase I Autoantibody Response Network in Rabbits Immunized with SLE Anti-DNA Antibody," <i>Clin. Exp. Immunol.</i> 94:466-472.		
72.	Rozdzinski et al. (1993). "Antiinflammatory Effects in Experimental Meningitis of Prokaryotic Peptides that Mimic Selectins," <i>J. Infect. Diseases</i> 168:1422-1428.		
73.	Ruffatti et al. (1990). "Anti-double-stranded DNA Antibodies in the Healthy Elderly: Prevalence and Characteristics," <i>J. Clin. Immunol.</i> 10:300-303.		
74.	Sacks et al. (1985). "Molecular Mimicry of a Carbohydrate Epitope on a Major Surface Glycoprotein of <i>Trypanosoma cruzi</i> by Using Anti-idiotypic Antibodies," <i>J. Immunol.</i> 135(6):4155-4159.		
75.	Schumacher et al. (1996). "Fetal Transfusion for Red Blood Cell Alloimmunization in Pregnancy," <i>Obstet. and Gynecol.</i> 88(1):137-150.		
76.	Sellers, J.R. "Polarity and Velocity of Sliding Filaments: Controls of Direction by Actin and of Speed by Myosin," <i>Science</i> 249:406-408.		
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	77.	Shoenfeld, Y. and E. Mozes. (1991). "Pathogenic Anti-DNA Idiotypic (16/6 Id) in Systemic Lupus Erythematosus," <i>Rheumatol. Int.</i> 11:91-93.	
	78.	Silva, D.J. (1994). "Use of Triethylene Glycol to Mimic Oligosaccharides: Design and Synthesis of a Ligand Based on Chromomycin A ₃ ," <i>Bioorganic and Medicinal Chem.</i> 2(11):1251-1259.	
	79.	Singh et al. (1995). "T Cell Determinants from Autoantibodies to DNA can Upregulate Autoimmunity in Murine Systemic Lupus Erythematosus," <i>J. Exp. Med.</i> 181:2017-2027.	
	80.	Sontheimer et al. (1992). "Antinuclear Antibodies: Clinical Correlations and Biological Significance," <i>Adv. Dermatol.</i> 7:3-52.	
	81.	Steinberg, A.D. (1991). "NIH Conference. Systemic Lupus Erythematosus," <i>Ann. Intern. Med.</i> 115:548-559.	
	82.	Stott et al. (1988). "Expression of Anti-DNA Clonotypes and the Role of Helper T-lymphocytes During the Autoimmune Response in Mice Tolerant to Alloantigens," <i>Autoimmunity</i> 1:253-266.	
	83.	Sutherland, A.D. (1993). "An Experimental Anti-idiotypic Vaccine Mimicking Lipopolysaccharide Gives Protection Against <i>Pasteurella multocida</i> Type A Infection in Mice," <i>FEMS Immunol. and Medical Microbiol.</i> 7:105-110.	
	84.	Ter Borg et al. (1991). "Rises in Anti-double Stranded DNA Antibody Levels Prior to Exacerbations of Systemic Lupus Erythematosus are Not Merely Due to Polyclonal B Cell Activation," <i>Clin. Immunol. and Immunopathol.</i> 59:117-128.	
	85.	Wang et al. (1991). "Induction of Anti-progesterone Immunity and Pregnancy Blocking by Anti-progesterone Anti-idiotypes. Variable Efficacy of Polyclonal Ab2 Antibodies Directed against a Panel of Closely Related Ab1 Antibodies," <i>Immunology</i> 73:348-355.	
	86.	Watanabe, M.R. and M.A., Aldo-Benson. (1983). "Specific Suppression of Hybridoma Immunoglobulin Secretion by Hapten-conjugated Mouse IgG: a Model of B Cell Tolerance," <i>Cellular Immunol.</i> 79:345-357.	
	87.	Zack et al. (1994). "Novel Structural Features of Autoantibodies in Murine Lupus: A Possible Superantigen Binding Site?," <i>Immunol. Cell Biol.</i> 72:513-520.	
	88.	Zack et al. (1995). "DNA Mimics a Self-protein That May be a Target for Some Anti-DNA Antibodies in Systemic Lupus Erythematosus," <i>J. Immunol.</i> 154:1987-1994.	
	89.	Ada, G.L. (1987). "The Generation of Cellular vs. Humoral Immunity," Chapter 3 in <i>Synthetic Vaccines</i> . Arnon, R., ed, CRC Press, Boca Raton, FL, pp 25-37.	
	90.	Bradley, M.L. (1980). "Antigen-induced T cell Proliferative Responses," Chapter 6.4 in <i>Selected Methods in Cellular Immunology</i> . Mishell, B. and Shigii, S. eds., W.H. Freeman and Company: San Francisco, CA, pp. 164-166.	
	91.	Cwirla et al. (1990). "Peptides on Phage: A Vast Library of Peptides for Identifying Ligands," <i>PNAS USA</i> 87:6378-6382.	
	92.	Dintzis et al. (1982). "Specific Cellular Stimulation in the Primary Immune Response: Experimental Test of a Quantized Model," <i>PNAS USA</i> 79:884-888.	
	93.	Dintzis et al. (1985). "Inhibition of Anti-DNP Antibody Formation by High Doses of DNP-Polyacrylamide Molecules: Effects of Hapten Density and Hapten Valence," <i>Journal of Immunology</i> 135(1):423-427.	
EXAMINER:		DATE CONSIDERED:	
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		Filing Date February 20, 2002	Group Art Unit To Be Assigned
		Mailing Date May 20, 2002	
	94.	Francis et al. (1988). "Peptides With Added T-cell Epitopes Can Overcome Genetic Restriction of the Immune Response," <i>Vaccines</i> 88. Ginsberg, H., et al., eds., Cold Spring Harbor Laboratory, pp 1-7.	
	95.	Geysen et al. (1986). "The Delineation of Peptides Able to Mimic Assembled Epitopes," <i>Synthetic Peptides as Antigens</i> , Ciba Symposium 119:130-149.	
	96.	Habicht, G.S. (1973). "Methods for the Study of the Cellular Basis of Immunologic Tolerance", Chapter 6 in <i>Immune Response at the Cellular Level</i> . Zacharia, T. P., ed., Marcel Dekker, Inc., New York, NY, pp 141-160.	
	97.	Iverson, G.M. (1986). "Assay for <i>In Vivo</i> Adoptive Immune Response" Chapter 67 In <i>Handbook of Experimental Immunology</i> 2: 67.1-67.8.	
	98.	Nossal, G.J.V. (1989a). "Immunologic Tolerance" Chapter 19 In <i>Fundamental Immunology</i> . W.E. Paul, ed., Raven Press, NY, pp 571-586, especially pp. 571-586.	
	99.	Nossal, G.J.V. (1989b). "Immunologic Tolerance: Collaboration Between Antigen and Lymphokines," <i>Science</i> 245:147-153.	
	100.	Scott, J. and G. Smith. (1990) "Searching for Peptide Ligands with an Epitope Library," <i>Science</i> 249:386-390.	
	101.	Stroud, R.M. and J. Finer-Moore. (1985). "Acetylcholine Receptor Structure, Function, and Evolution," <i>Ann. Rev. Cell Biol.</i> 1:317-351.	
	102.	Sumikawa et al. (1982). "The Molecular Cloning and Characterisation of cDNA Coding for the α Subunit of the Acetylcholine Receptor," <i>Nucl. Acids Res.</i> 10(19):5809-5822.	
	103.	Thorpe et al. (1984). "Blockade of the Galactose-Binding Sites of Ricin by its Linkage to Antibody: Specific Cytotoxic Effects of the Conjugates," <i>European Journal of Biochemistry</i> 140:63-71.	
	104.	Weltman et al. (1983). "N-Succinimidyl (4-Iodoacetyl) Aminobenzoate: A New Heterobifunctional Crosslinker," <i>Biotechniques</i> 1:148-152.	
	105.	Bootsma et al. (1995). "Prevention of Relapses in Systemic Lupus Erythematosus," <i>Lancet</i> 345:1595-1599.	
	106.	Borel, Y and H. Borel. (1988). "Oligonucleotide Linked to Human Gammaglobulin Specifically Diminishes Anti-DNA Antibody Formation in Cultured Lymphoid Cells from Patients with Systemic Lupus Erythematosus," <i>J. Clin. Invest.</i> 82: 1901-1907.	
	107.	Borel, H. and T. Borel. (1990). "A Novel Technique to Link Either Proteins or Peptides to Gammaglobulin to Construct Tolerogens," <i>Journal of Immunological Methods</i> 126:159-168.	
	108.	Bradley, L.M. et al., (1980) "6.4 Antigen-Induced T Cell Proliferative Responses" <i>Selected Methods In Cellular Immunology</i> , Mishell, B.B. and S.M. Shiigi, eds., pp. 164-166.	
	109.	Butterfield et al. (1981). "Immunotherapy with Short Ragweed Fraction A: D-glutamic Acid: D-lysine Polymer in Ragweed Hay Fever," <i>J. Allergy Clin. Immun.</i> 67:272-278.	
	110.	Chiller, J.M. and W.O. Weigle. (1975). "Biography of a Tolerant State: Cellular Parameters of the Unresponsive State Induced in Adult Mice to Human Gamma Globulin," <i>J. Reticuloendothelial Soc.</i> 17(3):180-186.	
	111.	De Franco, A. (1989). "Tolerance: A Second Mechanism," <i>Nature</i> 342:340-341.	
EXAMINER:		DATE CONSIDERED:	
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		Mailing Date May 20, 2002	
	112.	Diner et al. (1979). "Carboxymethyl Cellulose, a Nonimmunogenic Hapten Carrier with Tolerogenic Properties," <i>J. Immunol.</i> 122(5):1886-1891.	
	113.	Dintzis et al. (1983). "Studies on the Immunogenicity and Tolerogenicity of T-Independent Antigens," <i>J. Immunol.</i> 131(5):2196-2203.	
	114.	Garrido, M.J. and C. Moreno. (1979). "The Use of Hapten-Polysaccharide Conjugates for the Induction of B-Cell Tolerance Involving IgE Responses," <i>Int. Archs. Allergy Appl. Immunol.</i> 60:161-168.	
	115.	Garvey et al. eds. (1977). <i>Methods In Immunology</i> , 3rd. ed., pp 301-302.	
	116.	Golan, D.T and Y. Borel. (1971). "Nonantigenicity and Immunologic Tolerance: the Role of the Carrier in the Induction of Tolerance to the Hapten," <i>J. Exp Med.</i> 134:1046-1061.	
	117.	Heidenreich et al. (1994). "T Cell-dependent Activity of Ganglioside GM1-specific B Cells in Guillain-Barré Syndrome and Multifocal Motor Neuropathy <i>in vitro</i> ," <i>J. Neuroimmunol.</i> 49:97-108.	
	118.	Jacobs et al. (1997). "Humoral Immune Response Against <i>campylobacter jejuni</i> Lipopolysaccharides in Guillain-Barré and Miller Fisher Syndrome," <i>J. Neuroimmunol.</i> 79:62-68.	
	119.	Johnson et al. (1996). "Prolonged and Preferential Production of Polymeric Immunoglobulin A in Response to <i>streptococcus pneumoniae</i> Capsular Polysaccharides," <i>Infection and Immunity</i> 64:4339-4344.	
	120.	Katz et al. (1971). "Carrier Function in Anti-hapten Antibody Responses. IV. Experimental Conditions for the Induction of Hapten-specific Tolerance or for the Stimulation of Anti-hapten Anamnestic Responses by "Nonimmunogenic" Hapten-polypeptide Conjugates," <i>J. Exp. Med.</i> 134(1):201-223.	
	121.	Kronborg et al. (1993). "Specific IgG2 Antibodies to <i>pseudomonas aeruginosa</i> lipid A and Lipopolysaccharide are Early Markers of Chronic Infection in Patients with Cystic Fibrosis," <i>Infection</i> 21:297-302.	
	122.	Lee, W.Y. and A.H. Sehon. (1987). "Abrogation of Reaginic Antibodies with Modified Allergens," <i>Nature</i> 267:618-619.	
	123.	Lee et al. (1993). "Abrogation of the Antibenzylpenicilloyl (BPO) IgE Response with BPO-polyvinyl Alcohol Conjugates," <i>Int. Archs Allergy Appl. Immunol.</i> 63:1-13.	
	124.	Lees et al. (1996). "Activation of Soluble Polysaccharides With 1-cyano-4-dimethylaminopyridinium tetrafluoroborate for Use in Protein-polysaccharide Conjugate Vaccines and Immunological Reagents," <i>Vaccine</i> 14:190-198.	
	125.	Loizou et al. (1992). "Immunoglobulin Class and IgC Subclass Distribution of Anticardiolipin Antibodies in Patients with Systemic Lupus Erythematosus and Associated Disorders," <i>Clin. Exp. Immunol</i> 90:434-439.	
	126.	Mitchell et al. (1972). "Inhibition of Secondary Anti-hapten Responses with the Hapten Conjugated to Type 3 Pneumococcal Polysaccharide," <i>Eur. J. Immunol.</i> 2:460-467.	
	127.	Rieben et al. (1992). "Naturally Occurring ABO Antibodies: Long-term Stable, Individually Distinct Anti-A IgG Spectrotypes," <i>Eur. J. Immunol.</i> 22:2129-2133.	
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128.	Rose et al. eds. (1992). <u>Manual of Clinical Immunology 4th ed.</u> , American Society for Microbiology, Washington, D.C., pp 2:7-9.
129.	Sasaki et al. (1982). "Induction of Immunological Tolerance to Single-Stranded and Double-Stranded DNA," <i>Scand. J. Immun.</i> 16:191-200.
130.	Schreiber et al. (1991). "Anti-idiotypic-induced, Lipopolysaccharide-specific Antibody Response to <i>pseudomonas aeruginosa</i> ," <i>J. Immunol.</i> 146:188-193.
131.	Sehon, A.H. (1988). "Modulation of Antibody Responses by Conjugates of Antigens with Monomethoxypolyethylene Glycol," <i>Adv. Exp. Med. biol.</i> 251:341-351.
132.	Sehon, A.H. (1982). "Suppression of Ige Antibody Responses with Tolerogenic Conjugates of Allergens and Haptens," <i>Prog. Allergy</i> 32:161-202.
133.	Stemme et al. (1995). "T Lymphocytes from Human Atherosclerotic Plaques Recognize Oxidised Low Density Lipoprotein," <i>Proc. Natl. Acad. Sci. USA</i> 92:3893-3897.
134.	Watanabe et al. (1991). "Detection of Immunoglobulin G Antibodies to Cholesterol in Antisera to Mycoplasmas," <i>Infection and Immunity</i> 59:2200-2202.
135.	Watanabe-Kukunaga, R. (1992). "Lymphoproliferative Disorder in Mice Explained by Defects in Fas Antigen that Mediates Apoptosis," <i>Nature</i> 356:314-317.
136.	Wilkinson et al. (1987). "Tolerance Induction in Mice by Conjugates of Monoclonal Immunoglobulins and Monomethoxypolyethylene Glycol," <i>J. Immunol.</i> 139:326-331.
137.	Willison, H.J. and J. Veitch. (1994). "Immunoglobulin Subclass Distribution and Binding Characteristics of Anti-GQ1b Antibodies in Miller Fisher Syndrome," <i>J. Neuroimmunol.</i> 50:159-165.
138.	Wünsch et al. (1991). "Fully Synthetic Immunogens," <i>Int. J. Peptide Res.</i> 37:90-102.

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